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FOR THE PERSONAL ATTENTION OF:

EXAMINER RODNEY P. SCHWARTZ

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GROUP 1645 FAX NO: 703-308-4242

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GROUP 1600

Applicant : Elliott Bennett-Guerrero et al.
Serial No. : 09/423,546
Filed : November 12, 1999

Art Unit : 1645
Examiner : Rodney P. Schwartz

FACSIMILE COMMUNICATION

Title : VACCINE AGAINST LIPOPOLYSACCHARIDE CORE

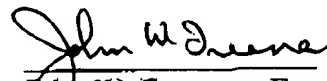
Commissioner for Patents
Washington, D.C. 20231

Sir:

Attached to this facsimile communication cover sheet is an AMENDMENT AND RESPONSE, faxed this day of March 28, 2002, to Group 1645, the United States Patent and Trademark Office.

Respectfully submitted,

Date: March 28, 2002


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Attorney's Docket No.: 08213-007001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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AMENDMENT AND RESPONSE

In response to the action mailed February 25, 2002, please amend the application in the claims by canceling claims 47-49, 52-54, 69, 72, 89-92, 95, 96, and 101-111, and by amending claims 44, 58, 64, 66 and 78-83 to read as shown below. For the examiner's convenience, a copy of all claims pending after this amendment is provided below. Claims that are not being amended are indicated as "retained".

C 44. (amended) A method of reducing adverse effects of endotoxin in a warm-blooded animal, which comprises administering to the warm-blooded animal an effective amount of a composition comprising rough, complete-core lipopolysaccharide (LPS) antigens of at least two Gram negative bacterial strains, each of said strains having a classification independently selected from the following classifications: *E. coli*; *Pseudomonas*; and *Bacteroides*, said antigens being separated from cells of said bacterial strains.

55. (retained) The method of claim 44 in which the composition comprises Ra LPS incorporated in a liposome.

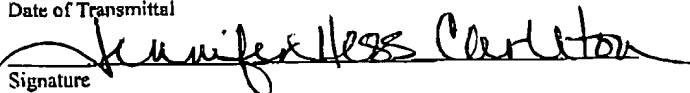
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3/28/2002

Date of Transmittal

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Jennifer Hess Carleton

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